

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10594730"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 12:29
S2	35	eason.IN. and stephen	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 15:59
S3	366	newton.in. AND michael	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:00
S4	124	clarke.IN. AND roger	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:00
S6	25	sarkar.in. AND matthew	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:00
S7	519	S2 S3 S4 S6	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:00
S8	37	S7 AND (inhaler cam ADJ track)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:00
S9	3	((("5740794") or ("6029661") or ("5816504"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:04
S10	3	((("6302101") or ("5046493") or ("20040056049"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:06
S11	77575	cam ADJ (track follower)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:08
S12	47	S11 and inhaler	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:08
S13	311	"5740794"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:26
S14	2	((("5740794") or ("6029661"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:28

S15	1	("5816504").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:31
S16	3	((("6029661") or ("5507281") or ("5617845"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:32
S17	4320	helical WITH track	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:54
S18	23	S17 AND "128"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 16:54
S19	311	"5740794"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:00
S20	2	((("5740794") or ("5785049"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:01
S21	26101	mechanical ADJ advantage	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:03
S22	119110	S21 ("128"/\$.ccls "239"/\$.ccls. "222"/\$.ccls)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:03
S23	179	S21 AND("128"/\$.ccls "239"/\$.ccls. "222"/\$.ccls)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:03
S24	267620	"128"/\$.ccls. "239"/\$.ccls. "222"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:06
S25	884	S24 AND S21	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:06
S26	72	S25 AND powder	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:06
S27	112	S25 AND track	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:12
S28	275	S25 AND (cam track)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:13
S29	128	S25 AND (spiral helix helical)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:29

S30	1872	S24 AND (spiral helix helical) with (track cam follower path)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:38
S31	801	S30 AND (pump inhaler dispenser)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 17:38
S32	887	increase ADJ mechanical ADJ advantage	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 18:11
S33	29	S32 AND S24	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 18:13
S34	16	S32 SAME (helix spiral helical)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 18:15
S35	57048	constant ADJ4 (force torque effort)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 18:17
S36	1128	S35 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 18:17
S37	289	S36 AND (inhaler powder dispenser)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 18:18
S38	15	"4227899"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 16:25
S39	2788	(128/203.15,203.12,203.23,203.24).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 16:36
S40	19265	charge SAME compressed SAME (gas air)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 16:36
S41	10680	charg\$2 WITH compressed WITH (gas air)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 16:37
S42	267620	"128"/\$.ccls. "239"/\$.ccls. "222"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 16:37
S43	786	S41 AND S42	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 16:37
S44	109	S43 AND cam	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 17:16

S45	4	((("2534636") or ("5740794") or ("4338931") or ("2001029948") or ("2002017298") or ("2003035777")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 17:20
S46	3	((("20010029948") or ("20020017298") or ("20030035777")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 17:21
S47	1	(09/731368).APP.	USPAT; USOCR	OR	OFF	2009/11/04 17:21
S48	69	("0478744" "0513189" "2533065" "2549303" "2570774" "2603216" "3425600" "3809084" "3918451" "3921637" "3967761" "3991761" "3994421" "4018185" "4069819" "4105027" "4114615" "4249526" "4338931" "4446862" "4548524" "4570630" "4627432" "4668218" "4778054" "4807814" "4811731" "4860740" "4884565" "4889114" "4984158" "4995385" "5035237" "5048514" "5186166" "5201308" "5207217" "5287850" "5320714" "5337740" "5349947" "5355872" "5366122" "5388572" "5458135" "5505193" "5505194" "5533502" "5619985" "5740794" "5775320" "5785049" "5875776" "5884621" "5921236" "6089228" "6105574" "6257233").PN. OR ("6679256").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 17:22
S49	144	("1858735" "20030075172" "20030116157" "20030136406" "20040011357" "20040101482" "20040236282" "20040251318" "2587215" "3008609" "3439823" "3798054" "3854626" "3874381" "3876269" "4047635" "4114615" "4174034" "4200099" "4274403" "4524769" "4534343" "4570630" "4604847" "4624442" "4627432" "4635829" "4668218" "4811731" "4860740" "4882210" "4895719" "4907583" "4934358" "5002048" "5007419" "5042472" "5053237" "5064083" "5067491" "5113855" "5152422" "5154326" "5161524" "5169029" "5192528" "5207217" "5208226" "5253782" "5263475" "5295479" "5301666" "5347999" "5351683" "5394868" "5409132" "5411175" "5415162" "5435301" "5437267" "5437270" "5447151" "5450160" "5458135" "5485939" "5503144" "5520166" "5524613" "5551597" "5562231" "5562918" "5575280" "5617845" "5622166" "5653227" "5657748" "5657794" "5664557" "5664697" "5676130" "5678538" "5740792" "5740794" "5775536" "5778873" "5785049" "5799821" "5857457" "5875776" "5881719" "5896855" "5904139" "5921237" "5924417" "5941241" "5944660" "5955439" "5981549" "5996577" "6006747" "6035463" "6065471" "6065472" "6076521" "6089227" "6116238" "6116239" "6119688" "6125844" "6138668" "6158675" "6196218" "6220243" "6234167" "6240918" "6254854" "6273085" "6321747" "6324428" "6325241" "6328034" "6347629").PN. OR ("6418926" "6443146" "6484718" "6523536" "6543443" "6553987" "6557550" "6557552" "6601729" "6616914" "6675839" "6679256" "6698425" "6810873" "6810874" "6845772" "6926003" "D389570").PN. OR ("7464704").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 17:26

S50	104	("2549303" "3367535" "4905866").PN. OR ("5349947").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 17:54
S51	68	("2642063" "3155573" "3518992" "3635219" "3818908" "3831606").PN. OR ("3921637").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:02
S52	16	("3155573" "3921637" "4452239" "4860740" "4919802" "4945929" "5476093" "5596982" "5632894" "5687710" "6113078" "6203519" "6394085" "6715486" "6748947").PN. OR ("7025056").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:04
S53	1	("5063276").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:10
S54	26	("2065904" "2083118" "2155765" "2422097" "2605375" "3104300" "3539749" "4650935").PN. OR ("5063276").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:11
S55	17953	syringe AND (helix helical spiral)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:12
S56	728	syringe AND (helix helical spiral) WITH (track path)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:12
S57	345	syringe AND constant AND (helix helical spiral) WITH (track path)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:14
S58	90	syringe AND (constant WITH (force torque pressure)) AND (helix helical spiral) WITH (track path)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:15
S59	297	plunger AND (constant WITH (force torque pressure)) AND (helix helical spiral) WITH (track path)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:17
S60	12	("3507374").URPN.	USPAT	OR	OFF	2009/11/04 18:42
S61	735	piston AND (constant WITH (force torque pressure)) AND (helix helical spiral) WITH (track path)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:45
S62	397	(pump inhaler powder) and piston AND (constant WITH (force torque pressure)) AND (helix helical spiral) WITH (track path)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 18:46
S63	2839	(604/187,208,218,220,224,225).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 10:26
S64	290	(604/224).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 10:27

S65	30	("0594721").PN. OR ("5284132").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 10:36
S66	296	S63 AND (helix helical spiral)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 10:45
S67	793	S63 AND (helix helical spiral screw)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 10:45
S68	61	("5112317" "5114406" "5279585" "5304152").PN. OR ("5582598").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 11:02
S69	42	S63 AND ((variable WITH pitch) (constant ADJ (torque force pressure)))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 11:10
S70	48	S63 AND (compres\$4 ADJ air)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 11:39
S71	0	charge WITH copressed ADJ air	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 11:44
S72	3319	charge WITH compressed ADJ air	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 11:44
S73	259	S72 AND (inhaler powder)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 11:44
S74	38	S73 AND (syringe helix helical spiral lead ADJ screw)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 11:45
S75	14492	cam ADJ track	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:45
S76	3585	S75 AND piston	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:45
S77	2523	S76 AND pin	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:45
S78	394	S77 AND compressed ADJ air	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:45
S79	5	S78 AND ("128"/\$.ccls. "222"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:46

S80	67	("3236458" "3385295" "3456644" "3522806" "3636949" "3658059" "4414972" "4429835" "4534343" "4907583" "4940051" "5040527" "5054477" "5060643" "5069204" "5178138" "5184761" "5224472" "5301666" "5309900" "5347998" "5415162" "5435297" "5458135" "5520166" "5549101" "5577497" "5590645" "5598836" "5615670" "5617845" "5724986").PN. OR ("6095141").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:47
S81	21748	rotation NEAR4 piston	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:57
S82	824	S81 AND ("128"/\$.ccls. "222"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:57
S83	59	S82 AND compressed ADJ air	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 15:58
S84	104	("2549303" "3367535" "4905866").PN. OR ("5349947").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 16:08
S85	194	rotary ADJ valve ADJ plate	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 16:09

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	46	(cylinder AND compression AND stroke AND torque AND piston AND cam).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/05 14:03
L5	1	(inhaler AND dose AND powdered AND piston AND torque AND stroke).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/05 14:03

2/ 5/ 2010 2:03:42 PM

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